

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5314973
<b>Application Number:</b>	10519331
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	9309
<b>Title of Invention:</b>	Method for energy-assisted atomic layer deposition and removal
<b>First Named Inventor/Applicant Name:</b>	Aubrey L Helms Jr
<b>Customer Number:</b>	24341
<b>Filer:</b>	Maria S. Swiatek/Kari Aguiar
<b>Filer Authorized By:</b>	Maria S. Swiatek
<b>Attorney Docket Number:</b>	067538-5148US01
<b>Receipt Date:</b>	11-MAY-2009
<b>Filing Date:</b>	18-APR-2005
<b>Time Stamp:</b>	19:38:32
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$555
RAM confirmation Number	5731
Deposit Account	500310
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

**File Listing:**

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part /.zip	Pages (if appl.)
1		067538-5148-US01_OA_Resp.pdf	975648 e5f0054fb22b5040a8125685ec853df2e79ea70	yes	13

**Multipart Description/PDF files in .zip description**

Document Description	Start	End
Extension of Time	1	1
Miscellaneous Incoming Letter	2	3
Amendment Copy Claims/Response to Suggested Claims	4	13

**Warnings:**
**Information:**

2	Fee Worksheet (PTO-875)	fee-info.pdf	30101 289a4e0d734e807ae6dd06b30ad4367468 0d3d7	no	2
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**Warnings:**
**Information:**

**Total Files Size (in bytes):** 1005749

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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.